

All Exp Mtg
May 16
2011

NuMI-MINOS Status Report

Carlos Escobar

Covering week: 05/9 to 05/16

Near Detector:

HV problems starting on Friday 13, running over the weekend.
All cards in one main frame (# 10) with dropping voltages.
Thought to have solved the problem: LV PS to the main frame
Problem came back this morning-under investigation.

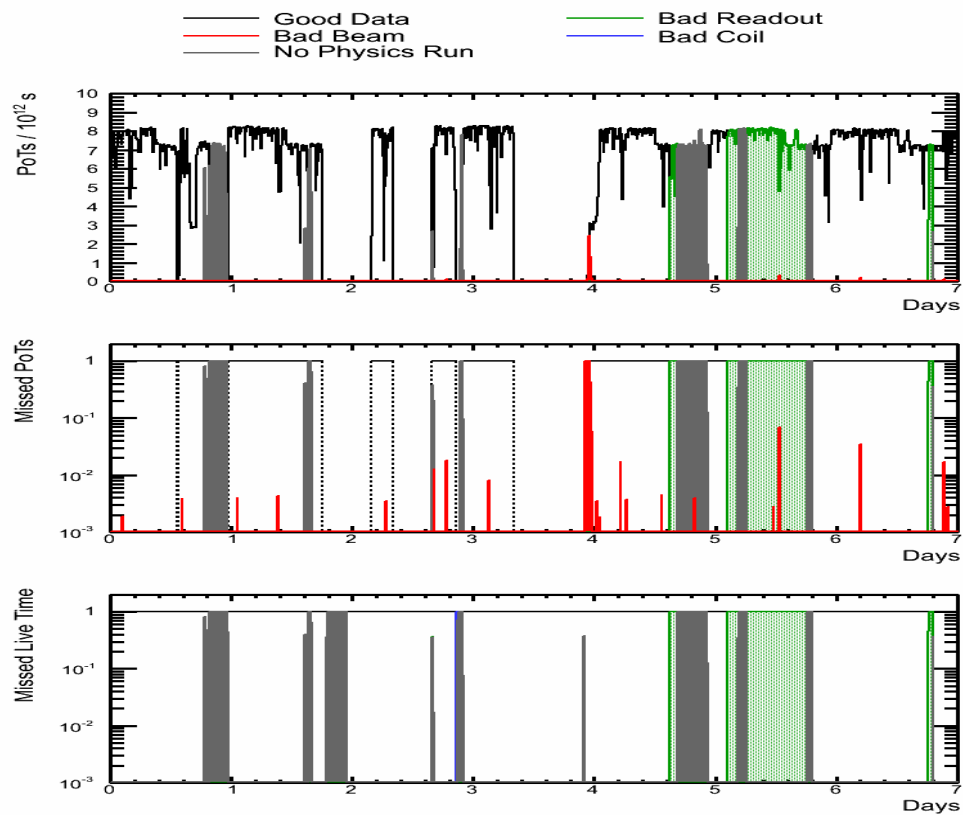
***This episode brought attention to the fact that:
Minos and Minerva have to work together with PREP in
order to understand the accessibility to their spare pool***

ND data quality

MINOS AEM

5/16/2011

Start: Mon, 09 May 2011 00:00:00 End: Mon, 16 May 2011 00:00:00



ND summary

MINOS AEM

5/16/2011

- Livetimes:

Physics Data: 89.1%

Good Physics Data: 78.9%

Far Detector (Marvin Marshak's report)

AEM/MINOS May 16,2011

The MINOS *magnet coil* is operating at low voltage in order to warm up the coil windings and dry out

any moisture that may have penetrated the insulation on the coil wires. The plan is to **increase the voltage on the coil to normal operating levels** next Thursday, May 19, following the inspection of the lab (see below).

- *Inspection of the lab* is scheduled for next Wednesday in two shifts. The first inspection will be by the U of M Building Code Inspector the U of M Fire Marshal. The second inspection will be by a joint team from Fermilab and the University ES&H staff.
- *Cleaning of the lab* finished last Tuesday and the Cleaning Contractor removed all of its equipment that day.
- *The Elevator* Contractor inspected the internal lab elevator and is preparing an estimate for the cost of repairs. This work will be scheduled soon, depending on the availability of mine hoist trips.
- ECI, the *shaft renovation* contractor, continues to work in the shaft. Removal of the steel frame will begin today. The existing steel frame is being replaced with a concrete lining.

- FD Summary:
- DAQ: ROP crashes during the weekend
- Live time: 86.3%
- Good physics data: 0% (coil still under test)